

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled;

PLASMA ENHANCED ALD OF TANTALUM NITRIDE AND BILAYER

the specification of which (check one)

X is attached hereto.

_____ was filed on _____ as United States Application Number _____

or PCT International Application Number _____

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Sections 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States Application(s), or 35 U.S.C. 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Richard M. Ludwin (Reg. No. 33,010), Kevin M. Jordan (Reg. No. 40,277), Christopher A. Hughes (Reg. No. 26,914), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond, Jr. (Reg. No. 18,753), Douglas W. Cameron (Reg. No. 31,596), Wan Yee Cheung (Reg. No. 42,410), Thu Ann Dang (Reg. No. 41,544), Timothy M. Farrell (Reg. No. 37,321), Louis P. Herzberg (Reg. No. 41,500), Derek S. Jennings (Reg. No. 41,473), Stephen C. Kaufman (Reg. No. 29,551), Alison D. Mortinger (Reg. No. 39,306), Daniel P. Morris (Reg. No. 32,053), Rafael Perez-Pineiro (Reg. No. 46,041), Louis J. Percello (Reg. No. 33,206), Robert M. Trepp (Reg. No. 25,933), and Gail H. Zarick (Reg. No. 43,303).

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONSend Correspondence to: David Aker23 Southern Road, Hartsdale, New York 10536Direct Telephone Calls to: (name and telephone number) David Aker - (914) 674-1094Hyungjun Kim

Full name of sole or first inventor

Hyungjun Kim
Inventor's Signature10/31/03
Date75 Brookside Lane; Lagrangeville, New York 12540

Residence

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Citizenship

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Post Office Address

Andrew J. Kellock

Full name of second joint-inventor, if any

Inventor's signature

Date

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Residence

Australia

Citizenship

Same as above.

Post Office Address

Stephen M. Rosznagel

Full name of third joint-inventor, if any

Stephen M. Rosznagel
Inventor's signature10-31-03
Date49 Ashland Avenue, Pleasantville, New York 10570

Residence

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Citizenship

Same as above.

Post Office Address

Full name of fourth joint-inventor, if any

Inventor's Signature

Date

Residence

Citizenship

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Full name of sole or first inventor

Inventor's Signature

Date

75 Brookside Lane, Lagrangeville, New York 12540

Residence

Republic of Korea

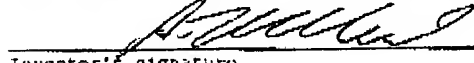
Citizenship

Same as above.

Post Office Address

Andrew J. Kellock

Full name of second joint-inventor, if any



Inventor's signature

10/31/03

Date

1088 Rembrandt Drive, Sunnyvale, California 94087

Residence

Australia

Citizenship

Same as above.

Post Office Address

Stephen M. Rossmagel

Full name of third joint-inventor, if any

Inventor's signature

Date

49 Ashland Avenue, Pleasantville, New York 10570

Residence

United States of America

Citizenship

Same as above.

Post Office Address

Full name of fourth joint-inventor, if any

Inventor's Signature

Date

Residence

Citizenship